

Amendments to the Claims:

1-8. (Canceled)

9. (Currently Amended) An image controller allowing control of an image generation device capable of creating three-dimensional imagery, the image controller comprising:

a single input member capable of being manipulated in six degrees of freedom by a human hand to control movement of the three-dimensional imagery in six degrees of freedom;

a circuit board having an upper surface and a lower surface;

a first proportional sensor located on the upper surface of the circuit board, the first proportional sensor indicates manipulation of the single input member;

a secondary input member capable of being controlled by the human hand to effect bidirectional movement of the three-dimensional imagery on at least one axis independent of the control of three-dimensional imagery by the single input member;

two additional sensors located on the upper surface of the circuit board, the two additional sensors indicate the bidirectional movement of the secondary input member;

one additional sensor located on the lower surface of the circuit board;

a second proportional sensor indicating rotation of the single input member;

two button sensors located on the upper surface of the circuit board control at least a volume function;

one button sensor located on the upper surface of the circuit board controls an ON/OFF function;

a transmitter allowing wireless communication of information from the controller to the

image generation device, the information is useful to control the image generation device; and
a battery compartment adapted to hold a battery for powering the image controller.

10. (Previously Presented) The image controller of claim 9, wherein said first proportional sensor is of a capacitive type.

11. (Previously Presented) The image controller of claim 9, further comprising:
two button sensors located on the upper surface of the circuit board control channel switching.

12. (Currently Amended) An image controller allowing control of an image generation device capable of creating three-dimensional imagery, the image controller comprising:

a single input member capable of being manipulated in six degrees of freedom by a human hand to control movement of the three-dimensional imagery in six degrees of freedom;
a circuit board;

a first proportional sensor located on the circuit board, the first proportional sensor indicates manipulation of the single input member;

a secondary input member capable of being controlled by the human hand to effect bidirectional movement of the three-dimensional imagery on at least one axis independent of the control of three-dimensional imagery by the single input member;

two additional sensors located on the circuit board, the two additional sensors indicate the bidirectional movement of the secondary input member;

two button sensors located on the circuit board control at least a volume function;

one button sensor located on the circuit board controls an ON/OFF function;

a transmitter allowing wireless communication of information from the controller to the image generation device, the information is useful to control the image generation device; and
a battery compartment adapted to hold a battery for powering the image controller.

13. (Previously Presented) The image controller of claim 12, wherein said first proportional sensor is of a capacitive type.
14. (Previously Presented) The image controller of claim 12, further comprising:
two button sensors located on the circuit board control channel switching.
15. (Previously Presented) The image controller of claim 13, further comprising:
a second proportional sensor indicating rotation of the single input member.